

FIG. 1 (PRIOR ART)

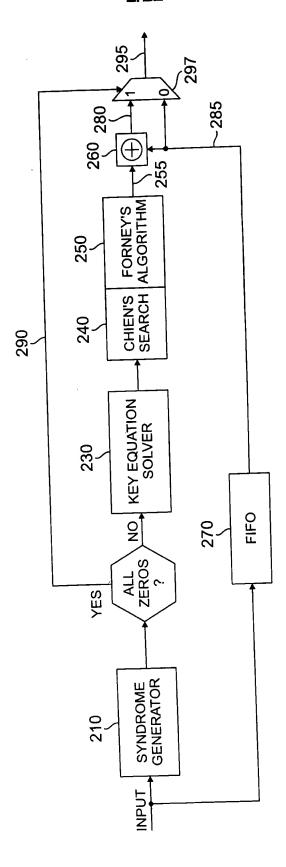
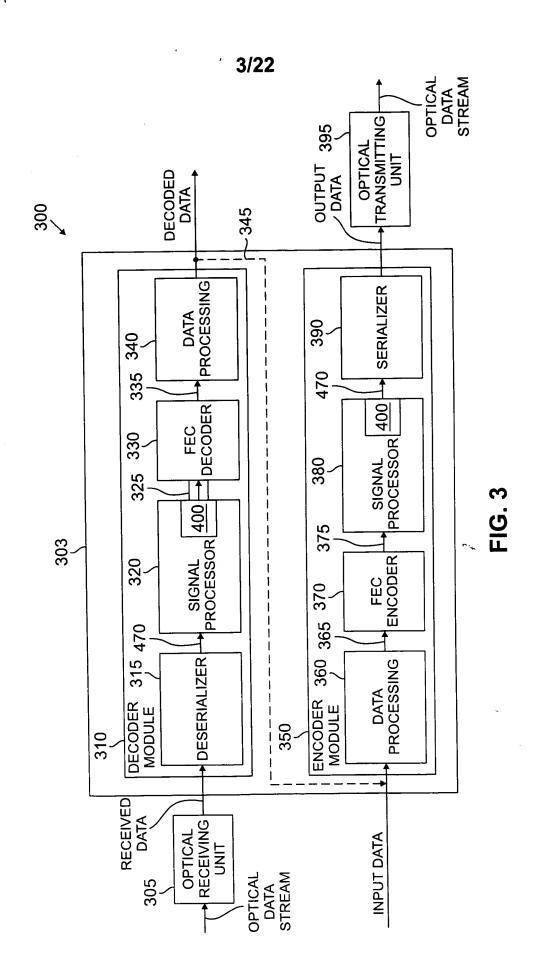


FIG. 2 (PRIOR ART)



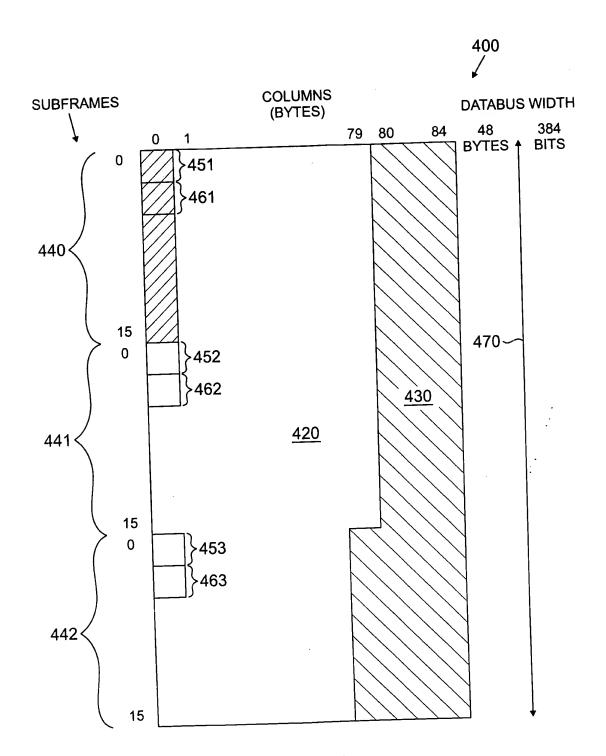


FIG. 4

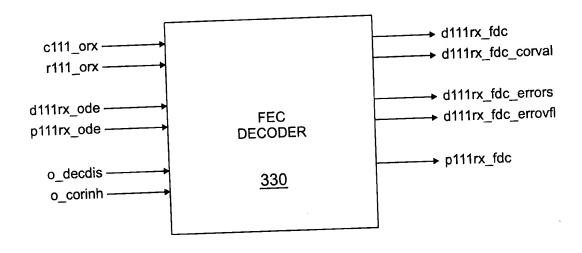
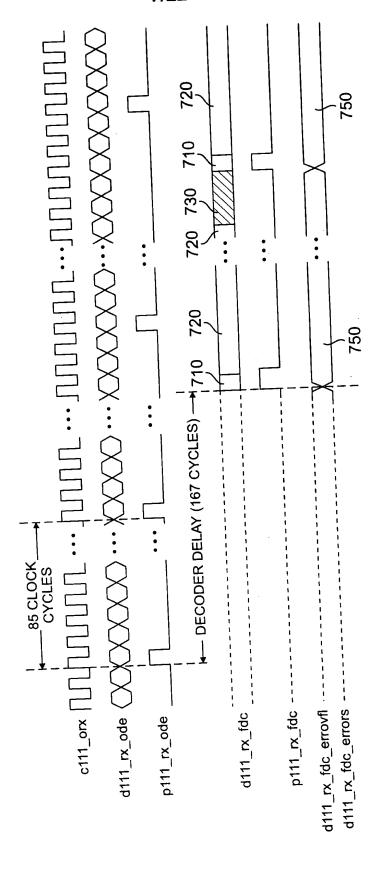


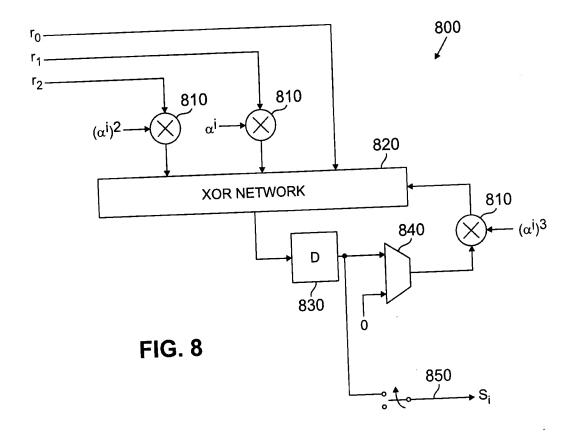
FIG. 5

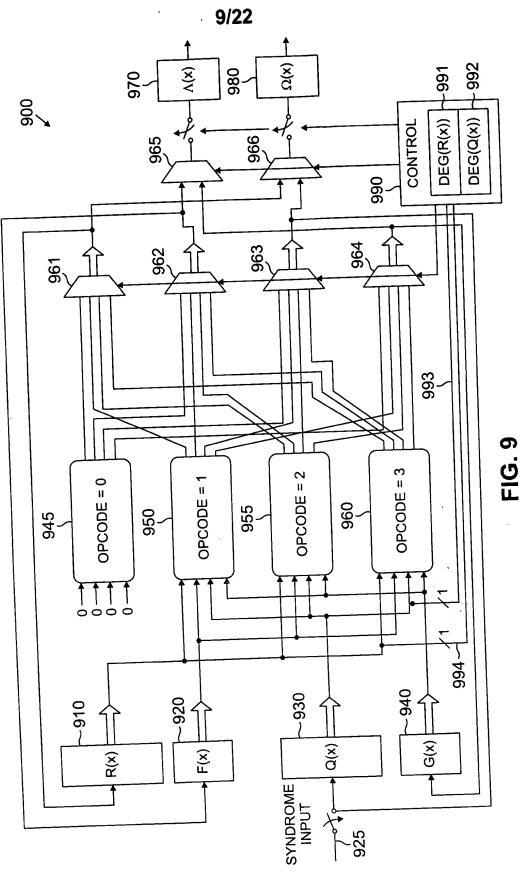
			NCITAIACSTA
19891	NOLLECTION	WIDTH	DESCRIPTION
NAME	חויר פייי		CENTER OF OCK 441 MH2
	2	std_ulogic	SYSIEM CLOCK, 111 MINE
C111_OFX			CICNAL FOR SYNCHRONOUS RESET OF DECODER
7111 OFX	Z	std_ulogic	
5	3	(383 DOWN TO 0)	INPUT ENCODED DAIA
d111rx_ode	2	(200	DEADLE OF INDITEED BLOCK PULSE
1111x ode	Z	std_ulogic	SIARI OF INTO 1 ECCENTION OF DECOMER IS DISABLED)
op villa	Z	std_ulogic	DECODER FUNCTION ENABLE (1 = DECODER 12 20 20 20 20 20 20 20 20 20 20 20 20 20
o decais			TOBO CORRECTION ENABLE (1) = EKKOR CORRECTION
o corinh	Z	std_ulogic	INHIBITED)
·			
77.7	BIEFFR	(383 DOWN TO 0)	OUIPUI DECOUED DAIR
d111rx_rac		(0)	١.
d111rx fdc_corval	BUFFER	(383 DOWN 10 U)	
i I			STREAM d1111x fdc WHERE A BIT HAS BEEN CONNECTED
			(VALUES: '0' = NO CORRECTION; '1' = CORRECTION)
			E. I. OF INDICATING THE START OF AN OUTPUT FEC BLOCK
-441m fdc	BUFFER	std_logic	PULSE INDICATING THE CONTROL WITCH ONE ERAME
SPI VIII d		O OT MAKE OF	NI IMBER OF CORRECTED BIT EKKORS WITHIN CIVE TO SELECT
d1111x fdc errors	BUFFER	(10 DOWN NOOD)	THE STATE OF THE PROOF SWITHIN ONE FRAME
144 tdo orrough	BUFFER	(4 DOWN TO 0)	NUMBER OF UNCORNEGINEE CITY
dillix lac ellovii	4		

FIG. 6

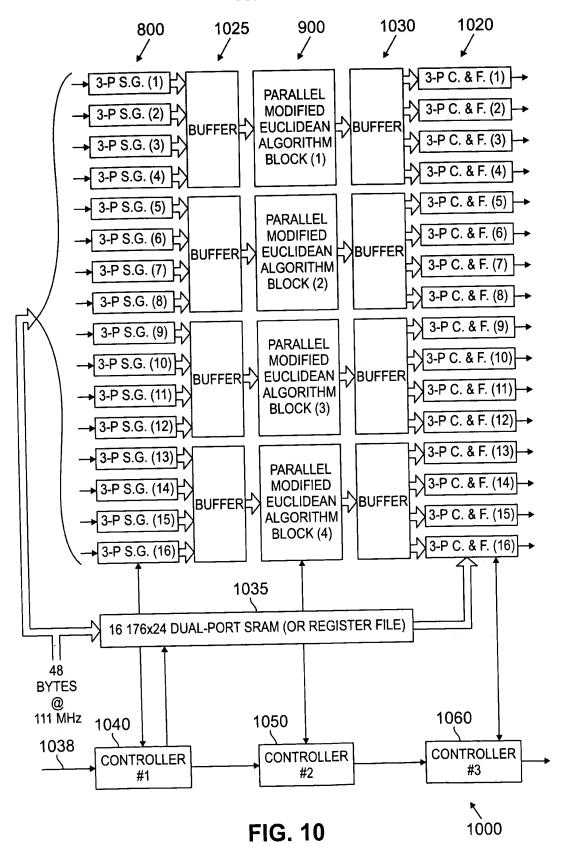


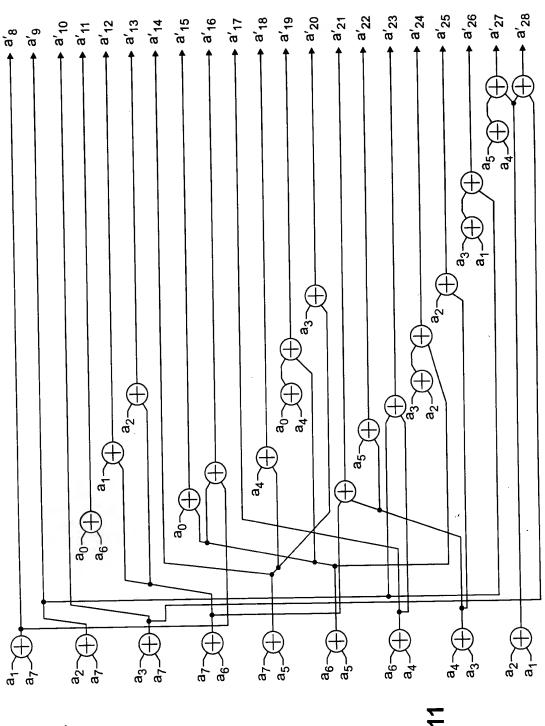
7.S.











1100

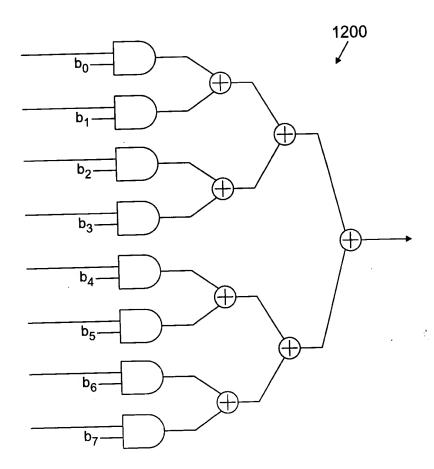


FIG. 12

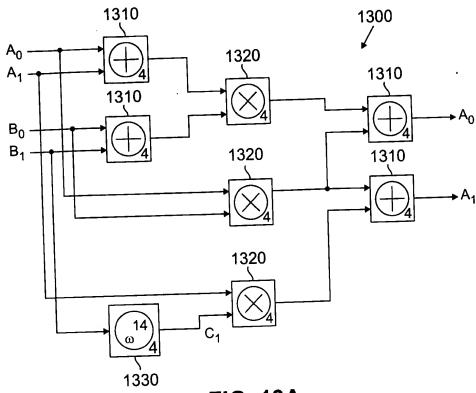


FIG. 13A

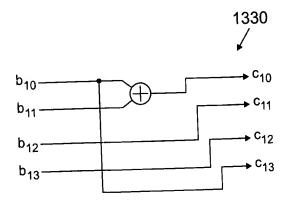
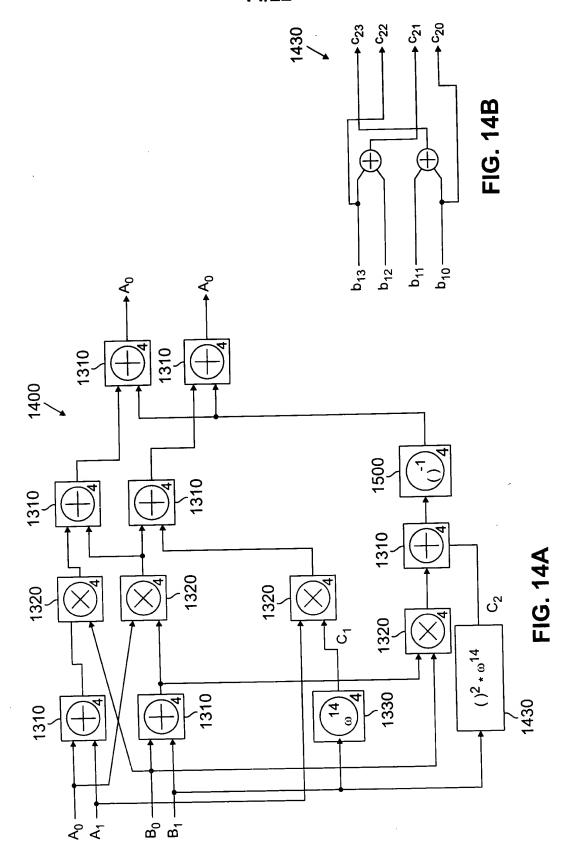
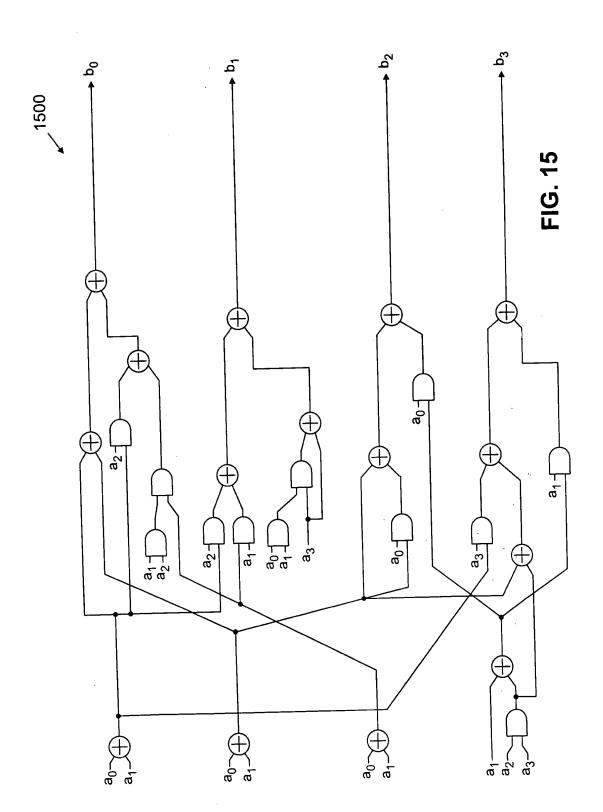
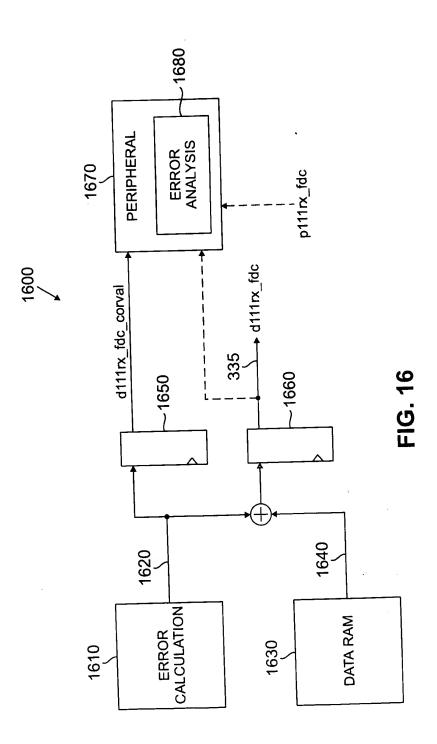
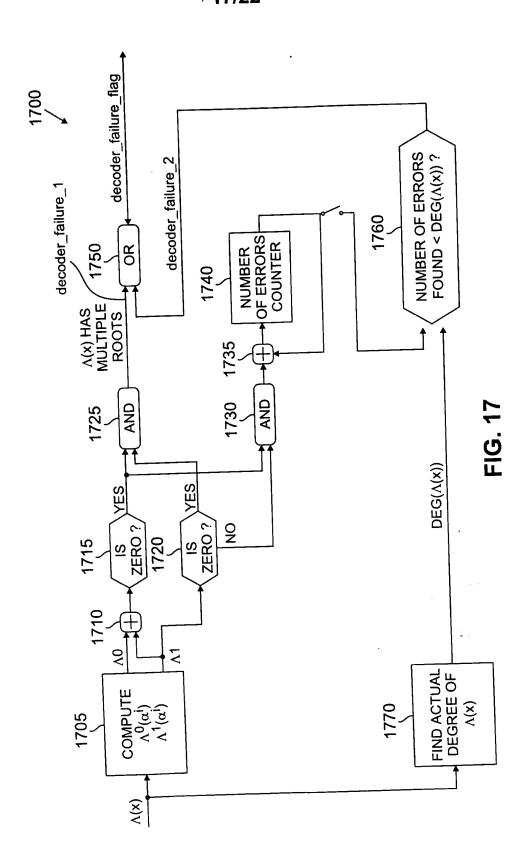


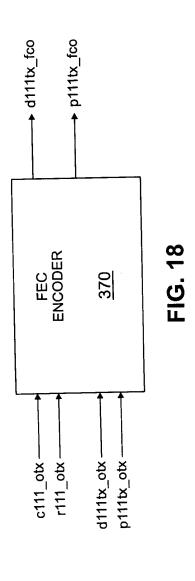
FIG. 13B





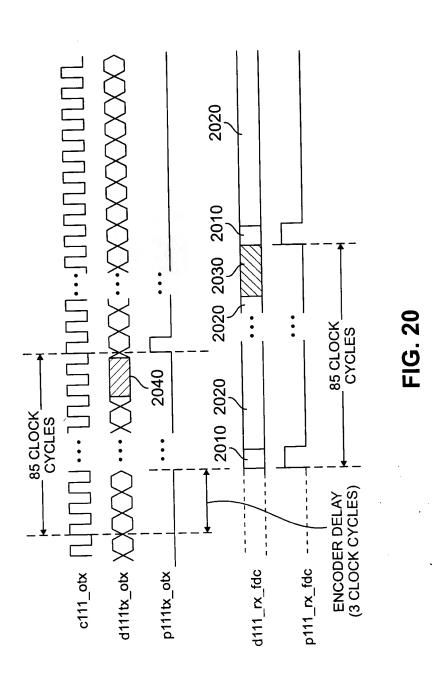






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DESCRIPTION	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SYSTEM CLOCK, 111 MHZ	SIGNAL FOR SYNCHRONOUS RESET OF ENCODER		INPUT DATA		START OF INPUT FEC BLOCK PULSE		(383 DOWN TO 0) OUTPUT ENCODED DATA		PULSE INDICATING THE END OF AN FEC BLOCK	
WIDTH	std_ulogic		std ulogic		(383 DOWN TO 0) INPUT DATA		std ulogic	2	(383 DOWN TO 0)		std ulogic	
DIRECTION		Z	2		Z		Z		RIFFFR	i	BUFFER	
NAME		c111 otx	r111 otx	50	411140 040	X0 X1 I D	n111ty Oty	און וע	4111ty fco	01117	n111ty fco	201 201

FIG. 19



370	→ 3 BYTES OF CW(1)	→ 3 BYTES OF CW(2)	→ 3 BYTES OF CW(3)	→ 3 BYTES OF CW(4)	→3 BYTES OF CW(5)	→ 3 BYTES OF CW(6)	→ 3 BYTES OF CW(7)	→ 3 BYTES OF CW(8)	→ 3 BYTES OF CW(9)	→ 3 BYTES OF CW(10)	→ 3 BYTES OF CW(11)	→ 3 BYTES OF CW(12)	→ 3 BYTES OF CW(13)	→ 3 BYTES OF CW(14)	→ 3 BYTES OF CW(15)	→ 3 BYTES OF CW(16)
2360	DELAY CKT (1)	DELAY CKT (2)	DELAY CKT (3)	DELAY CKT (4)	DELAY CKT (5)	DELAY CKT (6)	DELAY CKT (7)	DELAY CKT (8)	DELAY CKT (9)	DELAY CKT (10)	DELAY CKT (11)	→ DELAY CKT (12)	DELAY CKT (13)	DELAY CKT (14)	DELAY CKT (15)	DELAY CKT (16)
2200	3-P ENCODER (1)	3-P ENCODER (2)	3-P ENCODER (3)	3-P ENCODER (4)	3-P ENCODER (5)	3-P ENCODER (6)	3-P ENCODER (7)	3-P ENCODER (8)	3-P ENCODER (9)	3-P ENCODER (10)	3-P ENCODER (11)	3-P ENCODER (12)	3-P ENCODER (13)	3-P ENCODER (14)	3-P ENCODER (15)	3-P ENCODER (16)
2370	3 BYTES FROM DW(1) - DELAY CKT (1)	3 BYTES FROM DW(2) - DELAY CKT (2)	3 BYTES FROM DW(3) - DELAY CKT (3)	3 BYTES FROM DW(4) DELAY CKT (4)	3 BYTES FROM DW(5) DELAY CKT (5)	3 BYTES FROM DW(6) — DELAY CKT (6) —	3 BYTES FROM DW(7) — DELAY CKT (7)	3 BYTES FROM DW(8) DELAY CKT (8)	3 BYTES FROM DW(9) DELAY CKT (9)	3 RYTES FROM DW(10) - DELAY CKT (10)	3 BYTES FROM DW(11) — DELAY CKT (11)	3 BYTES FROM DW(12) - DELAY CKT (12)	3 BYTES FROM DW(13) - DELAY CKT (13)	3 BYTES FROM DW(14) - DELAY CKT (14)	3 BYTES FROM DW(15) - DELAY CKT (15) -	3 BYTES FROM DW(16) — DELAY CKT (16)
	3 RVTES FRO	3 RVTES FRO	3 RYTES FRO	3 BYTES FRO	3 BYTES FRO	3 BYTES FRC	3 BYTES FRC	3 BYTES FRC	3 BYTES FRO	3 BYTES FROM	3 BYTES FROM	3 BYTES FROI	3 RYTES FRO	3 BYTES FRO	3 RYTES FRO	3 BYTES FRO

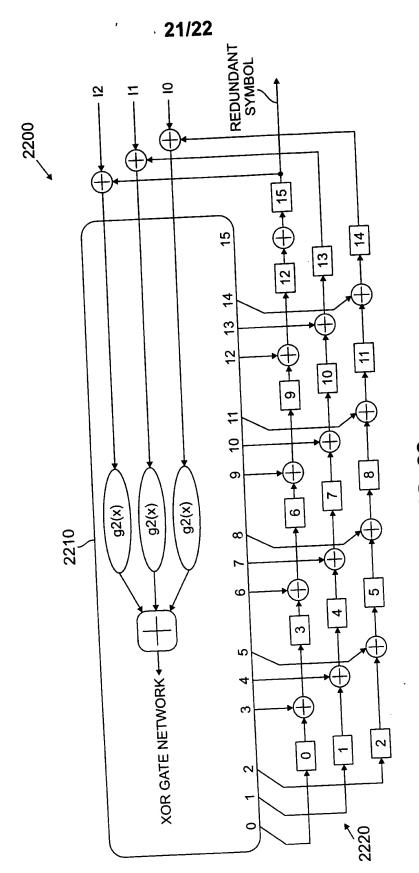


FIG. 22

